

Peak District National Park

Forecast valid from 06:00 on Thursday 22 Oct 2020 until 23:59 on Friday 23 Oct 2020

Forecast Issued on Thursday 22 Oct 2020 at 00:42

Confidence: High for generally unsettled conditions through the next few days. Some uncertainty in the timings of rain arriving on Saturday.

Headline for Thursday 22 Oct 2020: Cloudy and windy morning with patchy rain, becoming drier and brighter through the afternoon.

Mountain weather hazards on Thursday 22 Oct 2020

Blizzards

No Likelihood

Gales

Medium Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Dull	Drizzle	Light rain	Dull	Sunny intervals	Clear night
Precipitation probability					
30%	70%	60%	40%	20%	<05%

Forecast for Thursday 22 Oct 2020

Weather: A largely cloudy and windy morning with patchy light rain and drizzle, although some drier and brighter spells are also possible across the south and east of the park. Wind and rain easing through the afternoon, allowing some clearer spells to develop later in the day. Dry with increasingly clear skies through the evening.

Chance of cloud free mountain/hill tops above 600m: 20-30% at first with extensive cloud down to 400m, although some clearer spells are possible in the south and east. Chances increasing to around 80% in the early afternoon, as cloud lifts, and becoming 100% in the evening.

Visibility: Often poor on the tops at first and rather hazy at low levels. Becoming good by the afternoon.

Forecast for Thursday 22 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/37 SW	28/37 SW	26/35 W	24/31 W	17/25 W	14/21 SW	15/22 SW
300	19/28 SW	20/29 SW	20/29 W	16/24 W	11/19 SW	10/18 SW	10/18 S
Valley	13/27 SW	14/28 SW	15/29 W	13/25 W	8/18 W	6/17 SW	6/18 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	6/-0	6/0	5/-0	4/-1	4/-1
300	7/2	7/2	8/4	8/5	7/4	6/3	6/2
Valley	7/4	8/4	9/6	9/6	8/5	6/4	5/3
Freezing Level*	1300m	1300m	1300m	1200m	1100m	1100m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts of 40-45mph are possible over the tops through the morning, making it feel rather cold.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 22 Oct 2020	0mm	2mm	2.6mm

Forecast for Friday 23 Oct 2020

Weather: Dry and chilly overnight with mainly clear skies. A band of cloud and rain will move east across all parts later on Friday morning. This clearing to sunny spells and scattered showers in the early afternoon. Showers dying out in the evening.

Maximum wind: South or Southwesterly 15-25mph gusting 25-30mph, decreasing to 10-15mph during afternoon.

Chance of cloud free mountain/hill tops above 600m: 90-100% overnight becoming 30-40% for a few hours during the late morning/early afternoon, with cloud down to 400m. Becoming 90% in afternoon with cloud lifting and breaking.

Visibility: Generally good, but moderate to poor in outbreaks of rain and showers, and very poor in hill fog.

Temperature: **Valleys:** Plus 3C rising to 11C.
At 600m: Plus 3C rising to 6C during daytime.
Freezing level: Above summits.